

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	34	US-5788781-\$.DID. OR US-4599117-\$.DID. OR WO-9812239-\$.DID. OR US-6224534-\$.DID. OR US-5634984-\$.DID. OR US-7714394-\$.DID. OR US-9408417-\$.DID. OR US-2179720-\$.DID. OR US-1142786-\$.DID. OR DE-69408167-\$. DID. OR DE- 69408167D1-\$.DID. OR EP-0735919-\$.DID. OR US-2114226-\$.DID. OR WO-9517244-\$.DID. OR US-5723423-\$.DID. OR US-5780407-\$.DID. OR US-4451377-\$.DID. OR US-4309797-\$.DID. OR US-9712059-\$.DID. OR US-2266578-\$.DID. OR US-1230970-\$.DID. OR EP-0935622-\$.DID. OR US-2317895-\$.DID. OR JP-2001500558-\$. DID. OR US-2051999-\$. DID. OR US-6838485-\$. DID. OR US-1222400-\$. DID. OR US-2360308-\$. DID. OR WO-0024844- \$.DID. OR US-6267716- \$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/28 09:38
S2	19	("3688845"   "3849316"   "4640719"   "4645608"   "4707293"   "4978461"   "5146938"   "5234577"   "5264045"   "5634984").PN. OR ("5788781").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 09:42

S3	12	("4645608"   "4681165"   "5213625"   "5215596"   "5344493"   "5723423"   "5788781"   "5833756"   "5874386"   "5928433"   "6173776"   "6176243").PN. OR ("6503337").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 09:44
S4	69	("2233381"   "3396105"   "3688781"   "3693733"   "3794523"   "4040866"   "4097306"   "4207193"   "4407741"   "4414128").PN. OR ("4645608").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 09:46
S5	13893	surfactant and (hydrocarbon or drill\$4 or oil) and (clean\$4 or remov\$4)	EPO; JPO; DERWENT	OR	ON	2009/04/28 09:54
S6	962	surfactant and (hydrocarbon or drill\$4 or oil) and (clean\$4 or remov\$4) and carrier	EPO; JPO; DERWENT	OR	ON	2009/04/28 09:55
S7	706	surfactant and (hydrocarbon or drill\$4 or oil) and (clean\$4 or remov\$4) and carrier and polym\$4	EPO; JPO; DERWENT	OR	ON	2009/04/28 09:55
S8	30	surfactant and (hydrocarbon or oil) and drill\$4 and (clean \$4 or remov\$4) and carrier and polym\$4	EPO; JPO; DERWENT	OR	ON	2009/04/28 09:55
S9	41	surfactant and (hydrocarbon or oil) and drill\$4 and (clean \$4 or remov\$4) and carrier	EPO; JPO; DERWENT	OR	ON	2009/04/28 09:57
S10	11	S9 not S8	EPO; JPO; DERWENT	OR	ON	2009/04/28 09:57
S11	330	surfactant and (hydrocarbon or oil) and drill\$4 and (clean \$4 or remov\$4)	EPO; JPO; DERWENT	OR	ON	2009/04/28 09:57
S12	1	butylidene with polymer with preparation	EPO; JPO; DERWENT	OR	ON	2009/04/28 10:06

S13	32	butylidene with polymer	EPO; JPO; DERWENT	OR	ON	2009/04/28 10:06
S14	2	(polyvinylalcohol or "polyvinyl alcohol" or polyvinyl\$1alcohol) with (drill near3 cutting)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 17:24
S15	7	(polyvinylalcohol or "polyvinyl alcohol" or polyvinyl\$1alcohol) same (drill near3 cutting)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 17:24
S16	1	(polyvinylalcohol or "polyvinyl alcohol" or polyvinyl\$1alcohol) same (drill near3 cutting)	EPO; JPO; DERWENT	OR	ON	2009/04/28 17:24
S17	5845	((134/26) or (134/40) or (134/42)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 17:25
S18	11	S17 and (surfactant with (hydrocarbon or oil) with drill\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 17:26
S19	9	((("3688781") or ("3693733") or ("3716480") or ("3860019") or ("4175039") or ("4546783") or ("4595422") or ("4645608"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 17:28
S20	51	surfactant with (oil or hydrocarbon) with cationic with hydroxyl	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 17:31
S21	0	drill\$4 with (oil or hydrocarbon) with cationic with hydroxyl	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 17:32
S22	0	cutting with (oil or hydrocarbon) with cationic with hydroxyl	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 17:32
S23	1	drill\$4 same (oil or hydrocarbon) with cationic with hydroxyl	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 17:32
S24	265135	rins\$4 (oil or hydrocarbon) with cationic with hydroxyl	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 17:32
S25	10	(rins\$4 or clean\$4 or remov\$4) with (oil or hydrocarbon) with cationic with hydroxyl	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 17:33

S26	1399	(rins\$4 or clean\$4 or remov\$4) with (oil or hydrocarbon) with hydroxyl	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 17:33
S27	31	(drill\$4) with (oil or hydrocarbon) with hydroxyl	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 17:34
S28	11	S26 and "134".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 17:34
S29	4	((("5156686") or ("5213625") or ("5215596") or ("5234577"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/29 09:26
S30	9156	surfactant with aromatic	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 10:14
S31	1378	(hydrophobic or lipophilic) with surfactant with aromatic	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 10:14
S32	39	(hydrophobic or lipophilic) with surfactant with aromatic with ring	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 10:14
S33	169	(hydrophobic or lipophilic) with surfactant with aromatic with oil	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 10:15
S34	0	(hydrophobic or lipophilic) with surfactant with aromatic with drill\$4 with oil	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 10:15
S35	0	(hydrophobic or lipophilic) with surfactant with aromatic with drill\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 10:15
S36	169	(hydrophobic or lipophilic) with surfactant with aromatic with oil	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 10:15
S37	75	((phenol near2 ethoxylates) or (alkylphenol near2 ethoxylate)) with surfactant with (hydrophobic or lipophilic)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 10:35
S38	3811	(oil or hydrocarbon) with precipitate with water	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 12:07

S39	62	drill\$4 same (oil or hydrocarbon) with precipitate with water	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/29 12:07
S40	1	("4599117").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/29 12:44

**4/ 29/ 2009 1:49:19 PM**

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